

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A heat exchanger, comprising:

a plurality disks, wherein the plurality of disks includes at least two adjacent disks defining an intermediate space through which a heat exchanger medium or a second medium to be cooled or to be heated can flow,

~~wherein an entry and/or exit region for the heat exchanger medium and/or second medium is expanded at least on a discharge side or inflow side of a radiator,~~

wherein an opening for the second medium is located in an end region of the disks, wherein the opening for the second medium extends essentially over an entire surface of the end region, except for edge regions and regions of the disks in which passages are arranged,

wherein heat exchanger medium passages are located in the end region of the disks so that the heat exchanger medium passages are offset in an axial direction of the disks from the opening for the second medium and are located further inward from an end of the disks than the opening for the second medium,

wherein at least a portion of the heat exchanger medium passages is located behind at least a portion of the opening for the second medium when a respective disk is viewed in a plane of the respective disk along a longitudinal axis of the respective disk and in a direction extending from an end of the disk where the end region is located to an opposite end of the respective disk,

wherein at least another portion of the opening for the second medium is located behind at least another portion of at least one of the heat exchanger medium passages when the respective disk is viewed in the plane of the respective disk in a direction perpendicular to the direction extending from an end of the disk where the end region is located to an opposite end of the respective disk.

2. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the end region runs rectilinearly at least over a third of a width of at least one of the plurality of disks.

3. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the region runs at least over part of a width of the disk perpendicularly or essentially transversely to an average flow direction of the second medium.
4. (Canceled)
5. (Previously Presented) The heat exchanger as claimed in claim 1, wherein a common heat exchanger medium inlet and heat exchanger medium outlet are provided for the disks, wherein the heat exchanger medium passage comprise at least two heat exchanger medium passages for each heat exchanger medium inlet and/or outlet.
6. (Previously Presented) The heat exchanger as claimed in claim 5, wherein the disks are of axially symmetrical design with respect to their longitudinal axis and with regard to the heat exchanger medium passages.
7. (Previously Presented) The heat exchanger as claimed in claim 5, wherein the disks are of axially symmetrical design with respect to their transverse axis and with regard to the heat exchanger medium passages.
8. (Previously Presented) The heat exchanger as claimed in claim 1, wherein a heat exchanger medium inlet and/or a heat exchanger medium outlet has a branching and/or junction.
9. (Previously Presented) The heat exchanger as claimed in claim 8, wherein the branching and/or junction is designed in a shape of an arc of a circle.
10. (Previously Presented) The heat exchanger as claimed in claim 8, wherein a bend of 30° to 90° is provided, as seen in a direction of flow, in an area of the branching and/or of the junction.

11. (Previously Presented) The heat exchanger as claimed in claim 8, wherein the heat exchanger medium inlet, which merges into two heat exchanger medium passages after the branching, runs parallel to the heat exchanger medium passages while a two-part part of the branching is arranged in a plane lying perpendicularly thereto.

12. (Previously Presented) The heat exchanger as claimed in claim 8, wherein the heat exchanger medium outlet, which merges from two heat exchanger medium passages into the junction, runs parallel to the heat exchanger medium passages while a two-part part of the branching is arranged in a plane lying perpendicularly thereto.

13. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the heat exchanger is a charge-air/coolant radiator or oil cooler.

14. (Previously Presented) The heat exchanger as claimed in claim 2, wherein the region runs rectilinearly at least over a half of the width of one of the plurality of disks.

15. (Canceled)

16. (New) The heat exchanger as claimed in claim 1, wherein the disks are of axially symmetrical design with respect to their transverse axis and with regard to the heat exchanger medium passages and the opening for the second medium.

17. (New) The heat exchanger as claimed in claim 1, wherein an entry and/or exit region for the heat exchanger medium and/or second medium is expanded at least on a discharge side or inflow side of a radiator.